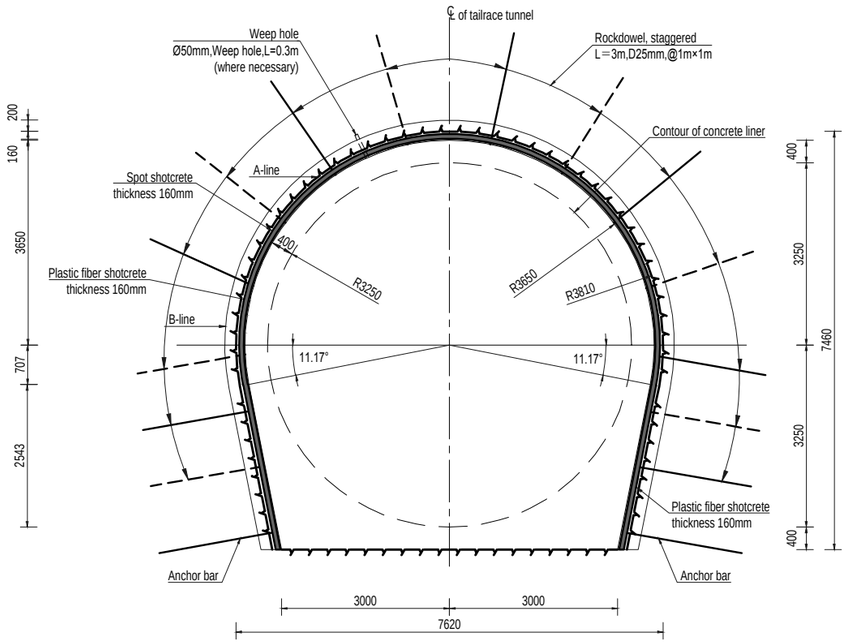
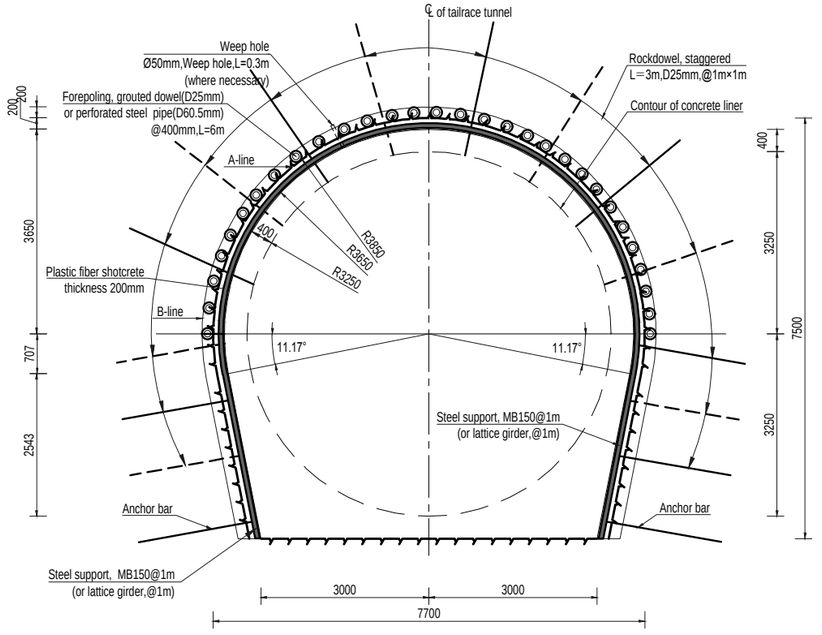
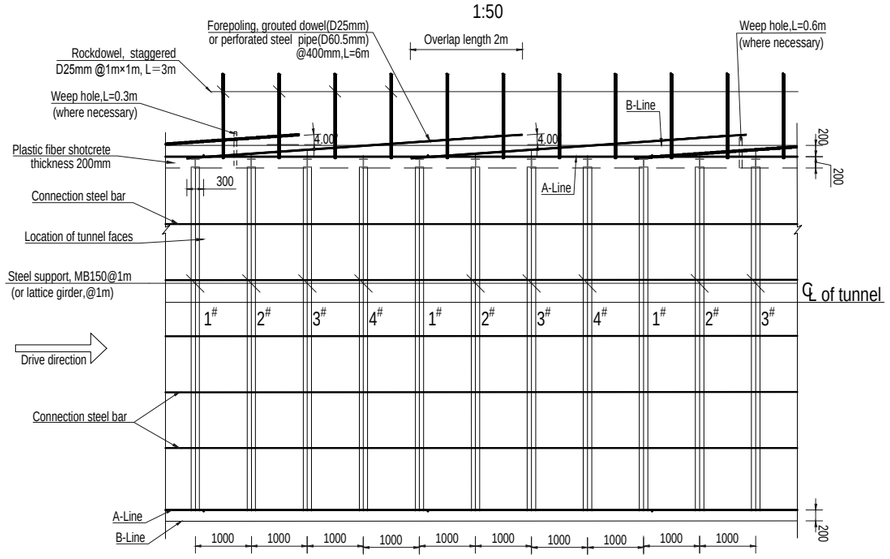
## SUPPORT TYPE OF ROCK CLASS IV
(WITH STEEL SUPPORT)
(SECTION D-D) Scale 1:50




## CROSS SECTION OF FOREPOLING
(SECTION D-D) Scale 1:50




## LONGITUDINAL PROFILE OF FOREPOLING
1:50




NOTE: (1)The gaps behind the steel ribs need always be filled with shotcrete and/or concrete, not with rock blocks.
(2)The excavation profile may need to be adjusted to a "saw-tooth profile" and size of ribs/girders may also be adjusted.

### NOTE

1. This set of drawings are the excavation and support of tailrace tunnel.
2. All dimensions are in millimeters, and coordinates, chainages & elevations are in meters.
3. Other see sheet 2.

Scale:
1:50 0 0.5 1 1.5 2 2.5m

### REFERENCE DRAWINGS

| | |
|---|---|
| UT1-C-070-CVL-DG-59001 | LAYOUT OF TAILRACE SYSTEM |
| UT1-C-080-CVL-DG-59001 | EXCAVATION AND SUPPORT DRAWING OF TAILRACE OUTLET GATE CHANMBER |
| UT1-C-000-CVL-DG-40001 | DETAILED DESIGN DRAWING OF EXCAVATION AND SUPPORT FOR UNDERGROUND CAVERN |

### SYMBOL AND LEGEND

**FOR APPROVAL**

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| REV. NO. | DATE | DESCRIPTION | DRAWN | CHKD. | APPD. |
|---|---|---|---|---|---|
| A | 16.APR.,2022 | FIRST ISSUE | ZHANG KAI | ZHANG J.Q. | ZHANG FAN LI W.G. |

PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

OWNER
NWEDC

OWNER'S ENGINEER
TRACTEBEL ENGIE | jade CONSULT

CONTRACTOR
DOOSAN Doosan Heavy Industries & Construction

DRAWING TITLE
EXCAVATION AND INITIAL SUPPORT DRAWINGS
OF TAILRACE TUNNEL(4/7)

| INDEX | DRAWING NUMBER | SHEET NO. | REV. NO. |
|---|---|---|---|
| A | UT1-C-070-CVL-DG-59002-04 | 4 OF 7 | 0A |

A1 (594 x 841 MM)